# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 2722185 | (access adj point) or ap or (access adj element) or (access adj node) or (access adj computer) or bs or (base adj station) | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:47 |
| S2 | 1871477 | (wireless adj node) or ms or (mobile adj station) (mobile adj (phone or telephone or apparatus)) or (wireless adj (phone or telephone or apparatus or station)) or pda or (personal adj digital adj assistance) | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:15 |
| S3 | 4443 | S2 near10 ((plurality or multi or multiple) near3 (channel or line)) | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:33 |
| S4 | 48026 | (RSSI or (signal near2 strength)) | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:19 |
| S5 | 155029 | (location near3 (determin$5 or estimat$5 or establish$5 or find$5 or provid$5 or calculat$5)) | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:21 |
| S6 | 8095 | (refresh$4 or recalculat$4 or reestablish or redetermin$4) near3 (signal or location or (signal adj strength)) | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:49 |
| S7 | 95082 | (terminat$4 or stop$4 or eliminat$4 or ceas$4 or dismis$4 or finish$4) near2 (connection or link or contact) | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:26 |
| S8 | 242058 | wlan or (wireless lan) | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:26 |
| S9 | 154 | S6 and S5 and S4 | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:31 |
| S10 | 10473 | "802.11" | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:30 |
| S11 | 89 | S6 and S5 and S4 and S8 | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:31 |
| S12 | 72 | S11 and S1 and S2 | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:36 |
| S13 | 2 | S12 and S3 | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:33 |
| S14 | 0 | ("2005/0197136").URPN. | USPAT | OR | OFF | 2006/01/21 23:35 |
| S15 | 2707110 | (access adj point) or ap or (access adj element) or (access adj node) or (access adj computer) or bs or (base adj station).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/02/18 19:31 |

| S16 | 2707110 | (access adj point) or ap or (access adj element) or (access adj node) or (access adj computer) or bs or (base adj station).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/02/18 19:34 |
|---|---|---|---|---|---|---|
| S17 | 151007 | ((access adj point) or ap or (access adj element) or (access adj node) or (access adj computer) or bs or (base adj station)).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:49 |
| S18 | 775 | ((refresh$4 or recalculat$4 or reestablish or redetermin$4) near3 (signal or location or (signal adj strength))).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:38 |
| S19 | 8 | S17 and S18 | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:50 |
| S20 | 8 | S18 and S19 | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:52 |
| S21 | 48026 | (RSSI or (signal near2 strength)) | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:53 |
| S22 | 155029 | (location near3 (determin$5 or estimat$5 or establish$5 or find$5 or provid$5 or calculat$5)) | US-PGPUB; USPAT | OR | ON | 2006/02/18 20:27 |
| S23 | 9169 | S21 and S22 | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:53 |
| S24 | 1 | S23 and S18 | US-PGPUB; USPAT | OR | ON | 2006/01/21 23:53 |
| S25 | 85758 | (access adj point) or ap or (access adj element) or (access adj node) or (access adj computer) | US-PGPUB; USPAT | OR | ON | 2006/02/18 19:36 |
| S26 | 784 | ((refresh$4 or recalculat$4 or reestablish or redetermin$4) near3 (signal or location or (signal adj strength))).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:32 |
| S27 | 156872 | (location near3 (determin$5 or estimat$5 or establish$5 or find$5 or provid$5 or calculat$5)) | US-PGPUB; USPAT | OR | ON | 2006/02/18 19:35 |
| S28 | 44 | S26 and S27 | US-PGPUB; USPAT | OR | ON | 2006/02/18 19:37 |
| S29 | 1 | S25 and S28 | US-PGPUB; USPAT | OR | ON | 2006/02/18 19:36 |
| S30 | 9481 | (location near2 (determin$5 or estimat$5 or establish$5 or find$5 or provid$5 or calculat$5)).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/02/18 20:29 |
| S31 | 23 | ((location near2 (determin$5 or estimat$5 or establish$5 or find$5 or provid$5 or calculat$5)) and (WLAN or (wireless adj lan))).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/02/18 20:30 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S32 | 62 | ((location near2 (determin$5 or estimat$5 or establish$5 or find$5 or provid$5 or calculat$5)) and (ap or (access adj point) or (access adj node))).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/02/18 20:38 |
| S33 | 156872 | (location near3 (determin$5 or estimat$5 or establish$5 or find$5 or provid$5 or calculat$5)) | US-PGPUB; USPAT | OR | ON | 2006/02/18 20:35 |
| S34 | 8150 | (refresh$4 or recalculat$4 or reestablish or redetermin$4) near3 (signal or location or (signal adj strength)) | US-PGPUB; USPAT | OR | ON | 2006/02/18 20:35 |
| S35 | 95804 | (terminat$4 or stop$4 or eliminat$4 or ceas$4 or dismis$4 or finish$4) near2 (connection or link or contact) | US-PGPUB; USPAT | OR | ON | 2006/02/18 20:35 |
| S36 | 140 | S33 and S34 and S35 | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:41 |
| S37 | 1 | S32 and S36 | US-PGPUB; USPAT | OR | ON | 2006/02/18 20:36 |
| S38 | 112373 | (terminat$4 or ceas$4 or end$4 or stop$4) adj3 (connection or connect) | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:37 |
| S39 | 784 | ((refresh$4 or recalculat$4 or reestablish or redetermin$4) near3 (signal or location or (signal adj strength))).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:59 |
| S40 | 7 | S39 and S38 | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:38 |
| S41 | 157065 | (location near3 (determin$5 or estimat$5 or establish$5 or find$5 or provid$5 or calculat$5)) | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:58 |
| S42 | 8160 | (refresh$4 or recalculat$4 or reestablish or redetermin$4) near3 (signal or location or (signal adj strength)) | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:55 |
| S43 | 95890 | (terminat$4 or stop$4 or eliminat$4 or ceas$4 or dismis$4 or finish$4) near2 (connection or link or contact) | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:41 |
| S44 | 140 | S41 and S42 and S43 | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:41 |
| S45 | 63 | S44 and S38 | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:41 |
| S46 | 4794 | (refresh$4 or recalculat$4 or reestablish or redetermin$4) adj2 (signal or location or (signal adj strength)) | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:12 |

| S47 | 574 | S41 and S46 | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:56 |
|---|---|---|---|---|---|---|
| S48 | 112174 | (location near2 (determin$5 or estimat$5 or establish$5 or calculat$5)) | US-PGPUB; USPAT | OR | ON | 2006/02/22 19:59 |
| S49 | 402 | S47 and S48 | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:00 |
| S50 | 1887393 | (wireless adj node) or ms or (mobile adj station) (mobile adj (phone or telephone or apparatus)) or (wireless adj (phone or telephone or apparatus or station)) or pda or (personal adj digital adj assistance) | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:01 |
| S51 | 293 | S49 and S50 | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:01 |
| S52 | 2759066 | (access adj point) or ap or (access adj element) or (access adj node) or (access adj computer) or bs or (base adj station) | US-PGPUB; USPAT | OR | ON | 2006/03/03 15:47 |
| S53 | 251 | S51 and S52 | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:02 |
| S54 | 460 | (refresh$4 or recalculat$4 or reestablish or redetermin$4) adj2 (signal or location or (signal adj strength)).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:18 |
| S55 | 7 | S48 and S54 | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:14 |
| S56 | 94849 | "455"/$ | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:16 |
| S57 | 4 | S54 and S56 | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:17 |
| S58 | 1 | (refresh$4 adj2 (signal adj strength)).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:19 |
| S59 | 3 | (refresh$4 adj2 (signal adj strength)) | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:21 |
| S60 | 9 | (refresh$4 or recalculat$4 or remeasur$4) adj2 ((signal adj strength) or RSSI) | US-PGPUB; USPAT | OR | ON | 2006/02/22 20:23 |
| S61 | 1 | ((refresh$4 or recalculat$4 or reestablish or redetermin$4) near3 (signal adj strength)).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/02/22 21:00 |
| S62 | 16 | ((refresh$4 or recalculat$4 or reestablish or redetermin$4) near3 (signal adj strength)) | US-PGPUB; USPAT | OR | ON | 2006/02/22 21:00 |

| S63 | 49 | Periodic near3 (RSSI or (signal adj strength)) near3 (measur$5 or calculat$4 or determin$4 or receiv$4) | US-PGPUB; USPAT | OR | ON | 2006/02/23 16:04 |
|-----|-----|-----|-----|-----|-----|-----|
| S64 | 5 | (Periodic near3 (RSSI or (signal adj strength)) near3 (measur$5 or calculat$4 or determin$4 or receiv$4)) and ((terminat$4 or ceas$4) adj2 (connection or link or communication)) | US-PGPUB; USPAT | OR | ON | 2006/02/23 16:17 |
| S65 | 324 | (handoff or handover) and ((dual adj mode) or (dual-mode)) and ((position or location) near2 (determin$4 or estimat$4 or establish$4 or calculat$4)) | US-PGPUB; USPAT | OR | ON | 2006/02/23 16:16 |
| S66 | 661 | ((RSSI or (signal adj strength)) near3 (measur$5 or calculat$4 or determin$4 or receiv$4)) and ((terminat$4 or ceas$4) adj2 (connection or link or communication)) | US-PGPUB; USPAT | OR | ON | 2006/02/23 16:18 |
| S67 | 16 | S65 and S66 | US-PGPUB; USPAT | OR | ON | 2006/02/23 16:23 |
| S68 | 1 | (MacDonald and 10/473926) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/23 16:43 |
| S69 | 1 | (MacDonald and "473926") | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/23 16:42 |
| S70 | 0 | (MacDonald and "0210791") | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/23 16:42 |
| S71 | 0 | (MacDonald and "US0210791") | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/23 16:42 |

3/5/2006 12:37:50 AM
C:\Documents and Settings\fcasca\My Documents\EAST\Workspaces\2006Cases\Second Qrtr c61 and up\c61 refesh signal location.wsp

Page 5

| S72 | 0 | (MacDonald and "PCT ajd US0210791") | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/23 16:43 |
|---|---|---|---|---|---|---|
| S73 | 0 | (MacDonald and "PCT adj US0210791") | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/23 16:43 |
| S74 | 11 | (MacDonald and (mobile adj station adj location)) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/23 16:44 |
| S75 | 102 | wait near4 ((location or position) near4 (determinat$4 or calculat$4 or comput$4)) | US-PGPUB; USPAT | OR | ON | 2006/03/02 21:49 |
| S76 | 1 | "20030001825" | US-PGPUB; USPAT | OR | ON | 2006/03/02 21:49 |
| S77 | 7 | (add$4 or append$4) near3 ((signal adj strength) or RSSI) near3 (frame) | US-PGPUB; USPAT | OR | ON | 2006/03/03 15:45 |
| S78 | 290 | (add$4 or append$4) near3 ((signal adj strength) or RSSI) near3 (frame or signal) | US-PGPUB; USPAT | OR | ON | 2006/03/03 16:30 |
| S79 | 2773733 | (access adj point) or ap or (access adj element) or (access adj node) or (access adj computer) or bs or (base adj station) | US-PGPUB; USPAT | OR | ON | 2006/03/03 15:47 |
| S80 | 232 | S78 and S79 | US-PGPUB; USPAT | OR | ON | 2006/03/03 15:48 |
| S81 | 1461 | (change$4 or add$4 or append$4) near3 ((signal adj strength) or RSSI) near3 (frame or signal) | US-PGPUB; USPAT | OR | ON | 2006/03/03 16:32 |
| S82 | 14 | (change$4 or add$4 or append$4) near3 ((signal adj strength) or RSSI) near3 (frame) | US-PGPUB; USPAT | OR | ON | 2006/03/03 16:30 |
| S83 | 1447 | S81 not S82 | US-PGPUB; USPAT | OR | ON | 2006/03/03 16:45 |
| S84 | 157845 | (location near3 (determin$5 or estimat$5 or establish$5 or find$5 or provid$5 or calculat$5)) | US-PGPUB; USPAT | OR | ON | 2006/03/03 16:45 |
| S85 | 308 | S84 and S83 | US-PGPUB; USPAT | OR | ON | 2006/03/03 16:46 |

| S86 | 2758658 | (access adj point) or ap or (access adj element) or (access adj node) or (access adj computer) or bs or (base adj station).ab,ti. | US-PGPUB; USPAT | OR | ON | 2006/03/03 16:48 |
|---|---|---|---|---|---|---|
| S87 | 255 | S84 and S83 and S86 | US-PGPUB; USPAT | OR | ON | 2006/03/03 16:54 |
| S88 | 70 | S84 and S83 and S86 and ((record$4 or add$4 or copy$4) near3 (signal adj strength)) | US-PGPUB; USPAT | OR | ON | 2006/03/03 16:56 |
| S89 | 60 | S84 and S83 and S86 and ((record$4 or add$4) adj3 (signal adj strength)) | US-PGPUB; USPAT | OR | ON | 2006/03/03 17:00 |
| S90 | 0 | S84 and S83 and S86 and ((record$4 or add$4) adj3 (signal adj strength)) adj3 frame | US-PGPUB; USPAT | OR | ON | 2006/03/03 17:02 |
| S91 | 157 | (frame near2 (signal adj strength)) | US-PGPUB; USPAT | OR | ON | 2006/03/03 17:26 |
| S92 | 6 | S87 and S91 | US-PGPUB; USPAT | OR | ON | 2006/03/03 17:24 |
| S93 | 4306 | (frame near2 (signal adj strength) or RSSI) | US-PGPUB; USPAT | OR | ON | 2006/03/03 17:26 |
| S94 | 4226 | (frame near1 (signal adj strength) or RSSI) | US-PGPUB; USPAT | OR | ON | 2006/03/03 17:27 |
| S95 | 3154 | ((frame near1 (signal adj strength) or RSSI)) and S86 | US-PGPUB; USPAT | OR | ON | 2006/03/03 17:28 |
| S96 | 670 | ((frame near1 (signal adj strength) or RSSI)) and S86 and S84 | US-PGPUB; USPAT | OR | ON | 2006/03/03 17:34 |
| S97 | 13 | ((frame near1 (signal adj strength)) or (frame near1 RSSI)) and S86 and S84 | US-PGPUB; USPAT | OR | ON | 2006/03/03 18:49 |
| S98 | 4421832 | (ap or (access adj node)) adj2 operat$4 in (different or plurality) adj2 (channel or frequency) | US-PGPUB; USPAT | OR | ON | 2006/03/03 18:59 |
| S99 | 86 | (ap or (access adj node)) adj3 (different or plurality) adj2 (channel or frequency) | US-PGPUB; USPAT | OR | ON | 2006/03/03 19:00 |
| S10 1 | 36 | 455/342 | US-PGPUB; USPAT | OR | ON | 2006/03/05 00:32 |
| S10 2 | 1 | 455/357.1 | US-PGPUB; USPAT | OR | ON | 2006/03/05 00:32 |
| S10 3 | 1 | 455/357.1 | US-PGPUB; USPAT | OR | ON | 2006/03/05 00:36 |